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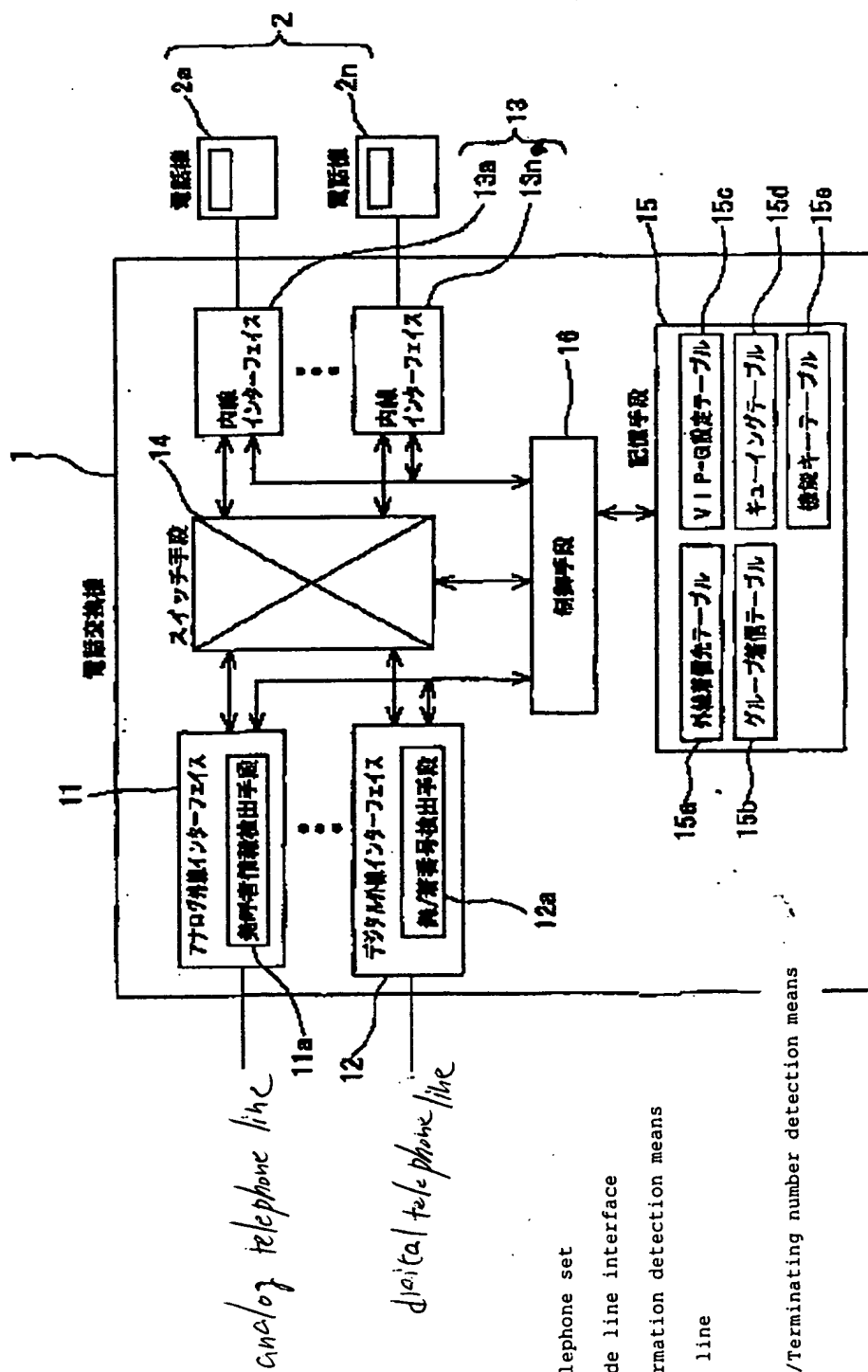
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Fig. 1



1: Exchange

2, 2a, ..., 2n: Telephone set

11: Analog outside line interface

11a: Caller information detection means

Analog telephone line

12a: Originating/Terminating number detection means

13, 13a, ..., 13n: Extension interface

14: Switch means

15: Storage means

15a: Incoming call destination table

15b: Group termination table

15c: VIP-G setting table

15d: Queuing table

15e: Function key table

16: Control means

Fig. 2

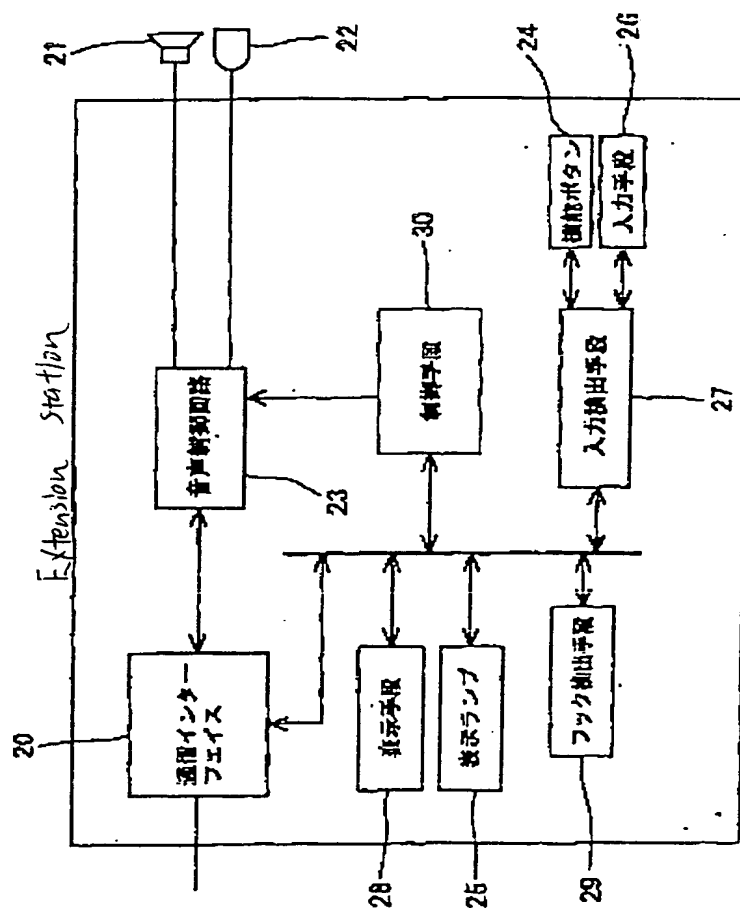


Fig. 2

20: Communications interface

23: Voice control circuit

24: Function button

25: Indicator

26: Input means

27: Input detection means

28: Display means

29: Hook detection means

30: Control means

Fig. 3

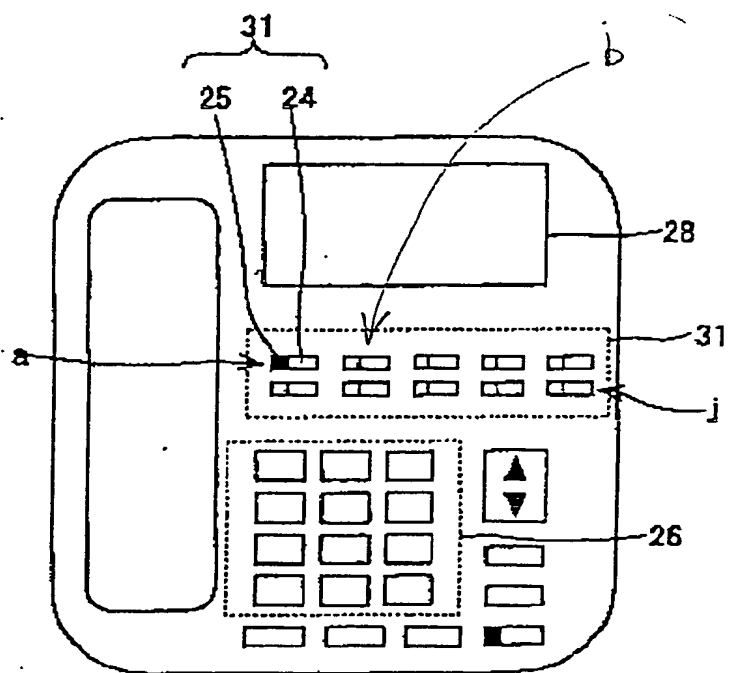


Fig. 4

Outside line no.	Destination telephone number
Analog 01	Group 01
Analog 02	Group 01
Digital 01	Group 02
Digital 02	Group 02

(a)

Originating no.	Destination telephone number
123-45xx	グループ03
234-56△△	グループ03
922-22◇◇	グループ04
352-8700	グループ04

(b)

Fig. 5

Group no.	Destination extension number
01	01, 02, 03
02	01, 02, 03
03	02, 03, 04
04	02, 04, 05
05	
06	
07	
08	
09	
10	01, 02

Fig. 6

Group no.	Priority
Group 01	None
Group 02	None
Group 03	Priority-high
Group 04	Priority-low

Fig. 7

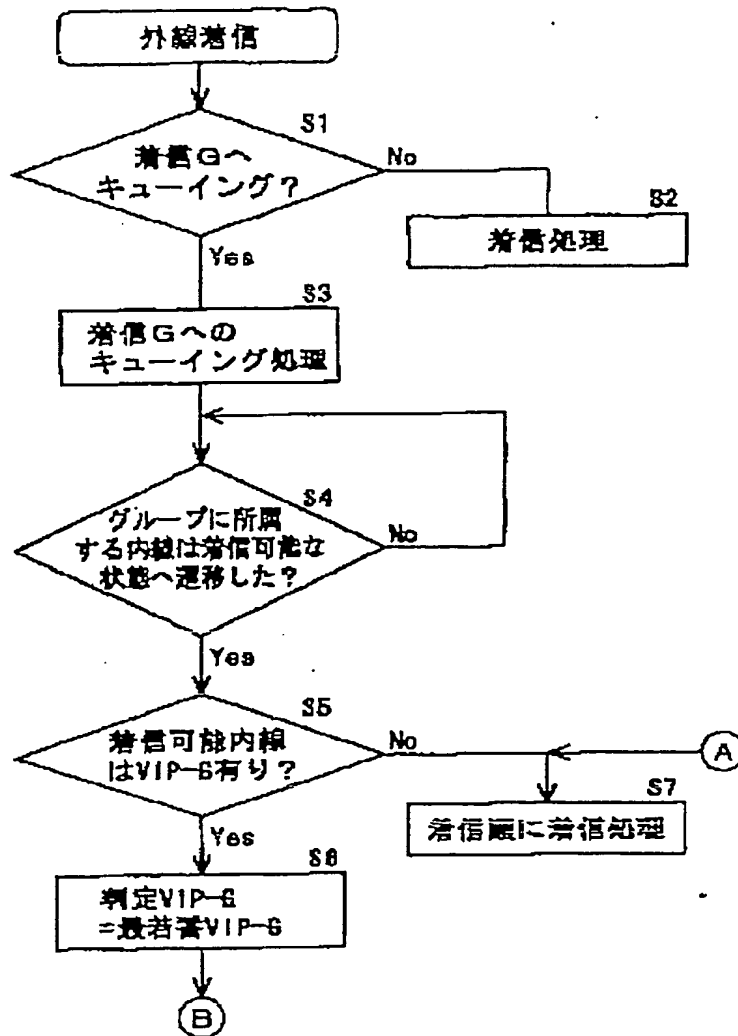
G1	(1) (4) (7)
G2	(3) (8)
G3 VIP-G low	(2)
G4 VIP-G high	(5)

Fig. 8

Extension number 02

key number (position)	Function
01 (a)	Group 01
02 (b)	Group 02
03 (c)	
04 (d)	
05 (e)	—
06 (f)	—
07 (g)	—
08 (h)	—
09 (i)	—
10 (j)	—

Fig. 9



Incoming call

S1: Queuing into extension group?

S2: Termination processing

S3: Queuing into extension group

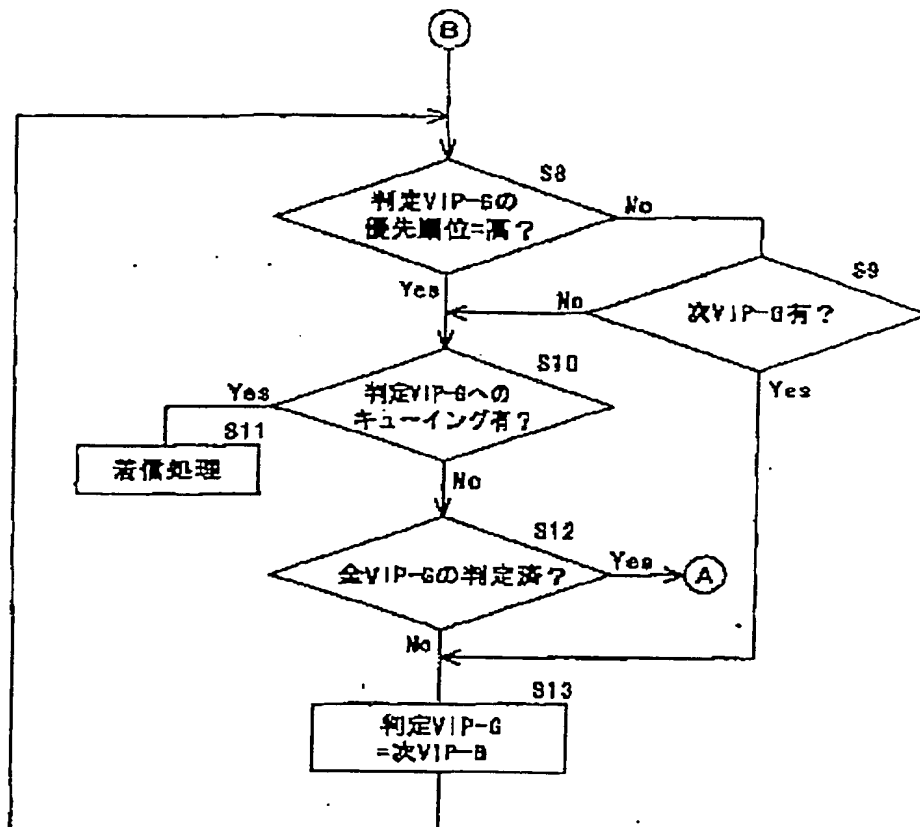
S4: Extensions in the group have made a transition to a state where calls can terminate?

S5: Do the extensions ready for answering have VIP-G?

S7: Termination processing in the order of call termination

S6: Determination VIP-G=Smallest number VIP-G

Fig. 10



S8: Priority of determination VIP-G=High?

S9: Next VIP-G available

S10: Queuing into determination VIP-G?

S11: Termination processing

S12: All VIP-G determined?

S13: Determination VIP-G=Next VIP-G